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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Attorney Docket No. 2006\_0514A

Atsushi FUJIOKA et al. : Mail Stop: PCT

Serial No. 10/574,820

Filed April 6, 2006

RADIO TRANSMISSION SYSTEM FOR  
HIGH-SPEED MOVING OBJECT

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**SUBMISSION OF ENGLISH VERSION OF INTERNATIONAL PRELIMINARY  
REPORT ON PATENTABILITY**

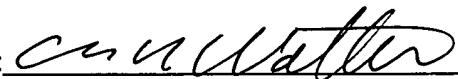
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

“Submitted herewith for consideration by the Examiner is an English version of the  
International Preliminary Report on Patentability.

Respectfully submitted,

Atsushi FUJIOKA et al.

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July 13, 2006

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From the INTERNATIONAL BUREAU

**PCT**

06.7.04  
 NOTIFICATION OF TRANSMITTAL  
 OF COPIES OF TRANSLATION  
 OF THE INTERNATIONAL PRELIMINARY REPORT  
 ON PATENTABILITY  
 (CHAPTER I OR CHAPTER II  
 OF THE PATENT COOPERATION TREATY)  
 (PCT Rules 44bis.3(c) and 72.2)

To:

NII, Hiromori  
 c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg.,  
 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka  
 532-0011  
 JAPON

Date of mailing (day/month/year) 22 June 2006 (22.06.2006)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference P35174-P0	
International application No. PCT/JP2004/011126	International filing date (day/month/year) 28 July 2004 (28.07.2004)
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. et al	

## 1. Transmittal of the translation to the applicant.



The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).



The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

## 2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

EP, KR

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

## 3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Yoshiko Kuwahara
Facsimile No.+41 22 740 14 35	Facsimile No.+41 22 338 90 90

(PCT Article 36 and Rule 70)

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/IP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/011126

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_ which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1, 11-38 as originally filed/furnished
- pages\* 2-10 10/1, 10/2 received by this Authority on 17.01.2005
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- nos. 3-7, 11-13, 15, 20-25 as originally filed/furnished
- nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19
- nos.\* 2, 8-10, 14, 16-19, 26-30 received by this Authority on 17.01.2005
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- sheets fig. 1-22 as originally filed/furnished
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3. ☒ The amendments have resulted in the cancellation of:
- ☐ the description, pages \_\_\_\_\_
- ☒ the claims, nos. 1
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (specify): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (specify): \_\_\_\_\_
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (specify): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (specify): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/011126

**Box No. V** Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims	2-28, 30	YES
	Claims	29	NO
Inventive step (IS)	Claims	2-25, 27, 28, 30	YES
	Claims	26, 29	NO
Industrial applicability (IA)	Claims	2-30	YES
	Claims		NO

**2. Citations and explanations (Rule 70.7)**

Document 1: JP 2000-134667 A (Mitsubishi Electric Corp.),  
12 May 2000

Document 2: JP 10-41923 A (Nihon Ido Tsushin Kabushiki  
Kaisha), 13 February 1998

The invention set forth in claim 26 does not involve an inventive step in the light of document 1 and document 2 cited in the international search report. The "frame synchronization signal" from the reception data format that is illustrated in document 2 (fig. 2) can be considered to correspond to the "control data for indicating the transmission timing" in the present invention.

The invention set forth in claim 29 lacks novelty and does not involve an inventive step in the light of document 1 cited in the international search report. Document 1 (paragraph [0009]) suggests that it is possible to receive image data.

The inventions set forth in claims 2 to 25, 27, 28 and 30 are not disclosed in any of the documents that are cited in the international search report, and would not have been obvious to a person skilled in the art.